

# STUDY CALENDAR October 2010



## S207 The Physical World

COURSE TEXT			MULTIMEDIA	VIDEO	ASSIGNMENT	
Study week	Start date	Book	chapter		Number	Cut-off date
1	2 Oct	<b>BOOK 1</b> <b>The restless Universe</b>		Space and the Universe	Video 1	
2	9 Oct	<b>BOOK 2</b> <b>Describing motion</b>	1	Functions and derivatives		
3	16 Oct		2		Video 2	CMA 41
4	23 Oct		3	Simple harmonic motion		
5	30 Oct		4	Book 2 Q's		
6	6 Nov	<b>BOOK 3</b> <b>Predicting motion</b>	1	Stepping through Newton's laws	TMA 01	Nov 11
7	13 Nov		2			
8	20 Nov		2 & 3		Video 3	
9	27 Nov		4			
10	4 Dec		6	† Book 3 Q's		
11	11 Dec	<b>BOOK 4</b> <b>Classical physics of matter</b>	1	Sharing out energy in gases	TMA 02	Dec 16
12	18 Dec		2			
13	25 Dec	<b>CHRISTMAS BREAK</b>				
14	1 Jan		3 & 4		Video 4	
15	8 Jan		4 & 5	Book 4 Q's		
16	15 Jan	<b>BOOK 5</b> <b>Static fields and potentials</b>	1	Forces, fields and potentials		
17	22 Jan		2		TMA 03	Jan 27
18	29 Jan		3 & 4			
19	5 Feb		4 & 5	Book 5 Q's	Video 5	
20	12 Feb	<b>BOOK 6</b> <b>Dynamic fields and waves</b>	1			
21	19 Feb		2	† Waves Huygens' view of diffraction	Video 6	TMA 04
22	26 Feb		3			Feb 24
23	5 Mar		4			
24	12 Mar		5	Book 6 Q's		
25	19 Mar	<b>BOOK 7</b> <b>Quantum physics: an introduction</b>	1			
26	26 Mar		2	Electron diffraction	Video 7	TMA 05
27	2 Apr		2 & 3	Stepping through Schrodinger's equation		Mar 31
28	9 Apr		3			
29	16 Apr		4 & 5	Book 7 Q's		
30	23 Apr	<b>BOOK 8</b> <b>Quantum physics of matter</b>	1		TMA 06	Apr 28
31	30 April		2	Electrons in solids	Video 8	
32	7 May		3	†		
33	14 May		4 & 5	† Book 8 Q's	TMA 07	May 19
34	21 May					
35	28 May					

**Assessment Strategy: Continuous Assessment Component:** TMAs 01-07 are equally weighted and constitute 94.5% of this component. CMA 41 constitutes 5.5% of this component. Substitution as described in your Assessment Handbook will apply for up to one TMA.

**Examinable Component:** The final examination is 100% of this component.

To be sure of a pass result you need to achieve scores of 40 in each component. Similarly, to be sure of a higher grade, a set score must be achieved in each component (see your Assessment Handbook).

Please note that there are also Faculty and general University programmes that may be of interest to you.

† Please note that there are optional multimedia packages that you may care to study during these weeks. You will find these packages listed under the 'extras' menu. The subjects are: Feigenbaum plots, Fractals, Virtual ripple tank, Nucleons in nuclei and quarks.